

**ORIGINAL**

<p>FORM PTO-1390 (REV. 01-2003)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;"><b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b></p>		<p>ATTORNEY'S DOCKET NUMBER</p> <p><b>Le A 35 944</b></p> <p>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)</p> <p style="font-size: 1.2em;"><b>10/508 892</b></p>
<p>INTERNATIONAL APPLICATION NO.</p> <p><b>PCT/EP03/02685</b></p>	<p>INTERNATIONAL FILING DATE</p> <p><b>14 March 2003 (14.03.2003)</b></p>	<p>PRIORITY DATE CLAIMED</p> <p><b>26 March 2002 (26.03.2002)</b></p>
<p>TITLE OF INVENTION <b>DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH NEUROPEPTIDE FF RECEPTOR 1 (NPFF1)</b></p>		
<p>APPLICANT(S) FOR DO/EO/US</p> <p style="text-align: center;"><b>Stefan GOLZ, et al.</b></p>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:             <ol style="list-style-type: none"> <li>1) Certificate of Mailing under 37 C.F.R. 1.10;</li> <li>2) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b);</li> <li>3) Information Disclosure Citation (Modified Form PTO-1449) and copies of references cited therein; and</li> <li>4) Return Receipt Postcard.</li> </ol> </li> </ol>		

U.S. APPLICATION NO. <b>10/508892</b> <small>(See 37 CFR 1.53)</small>		INTERNATIONAL APPLICATION NO. <b>PCT/EP03/02685</b>		ATTORNEY'S DOCKET NUMBER <b>Le A 35 944</b>	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... \$ 1080.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 920.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 770.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 730.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00  <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">\$ 920.00</td> <td style="width: 50%;"></td> </tr> </table>		\$ 920.00	
\$ 920.00							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">\$</td> <td style="width: 50%;"></td> </tr> </table>		\$	
\$							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	26 - 20 =	- 6 -	x \$18.00	\$ 108.00			
Independent claims	13 - 3 =	- 10 -	x \$ 86.00	\$ 860.00			
MULTIPLE DEPENDENT CLAIM(S) (if applicable) - 0 -				+ \$ 290.00	\$ 0.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1,888.00</b>			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				+ \$			
<b>SUBTOTAL =</b>				<b>\$ 1,888.00</b>			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$			
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 1,888.00</b>			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$			
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 1,888.00</b>			
				Amount to be refunded:	\$		
				charged:	\$		

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-3372 in the amount of \$ 1,888.00 to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 13-3372. A duplicate copy of this sheet is enclosed.

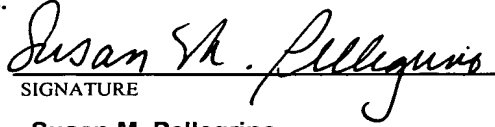
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)  
 or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: **Customer No. 35969**

**Jeffrey M. Greenman**  
**Bayer Pharmaceuticals Corporation**  
**400 Morgan Lane**  
**West Haven, CT 06516**

  
 SIGNATURE  
 Susan M. Pellegrino  
 NAME  
 48,972  
 REGISTRATION NUMBER

10/508 892

DT03 Rec'd PCT/PTO 22 SEP 2004

Attorney's Docket No. Le A 35 944

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Stefan Golz, et al.**

Serial No.: [to be assigned] National Stage Filing of PCT/EP03/02685

Filed: herewith

For: **Diagnostics and Therapeutics for Diseases Associated with Neuropeptide FF Receptor 1 (NPFF1)**

MAIL STOP PCT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the *attached* correspondence comprising:

- ☒ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];
- ☒ Application Data Sheet under 37 C.F.R. 1.76;
- ☒ Preliminary Amendment;
- ☐ Original oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4));
- ☐ English Translation of the Application (35 U.S.C. 371(c)(2));
- ☒ Copy of the International Application as filed (35 U.S.C. 371(c)(2));
- ☒ Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b), Information Disclosure Citation (Modified Form PTO-1449) and copies of references cited therein;
- ☒ Return Receipt Post Card;
- ☒ Other: **Submission of Sequence Listing consisting of:**
  - 1) Sequence Listing in Computer Readable Form (Diskette enclosed);**
  - 2) Statement as to the Identity of the Sequence Listing; and**
  - 3) Printout of the Sequence Listing.**

is, on the date shown below, being deposited with the United States Postal Service, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **ED015986077US** addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

22 September 2004  
Date

Signature of Person Certifying / Beatriz Alviz